

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 11 Oct 2021 until 23:59 on Tuesday 12 Oct 2021

Forecast Issued on Sunday 10 Oct 2021 at 15:44

Confidence: High for often cloudy with a little rain at times, but lower for cloud details

Headline for Monday 11 Oct 2021: Bright start, cloudier afternoon with some patchy rain. Occasionally fresh winds.

Mountain weather hazards on Monday 11 Oct 2021

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Cloudy
Precipitation probability							
00%	00%	00%	00%	<05%	10%	30%	40%

Forecast for Monday 11 Oct 2021

Weather: Dry with clear spells overnight then a bright start with some sunny spells. Cloud increasing later in the morning to leave a mostly cloudy afternoon with patchy, mainly light rain spreading southeast, with the best chance of any brighter spells over eastern hills. Cloudy through the evening with rain developing more widely.

Chance of cloud free mountain/hill tops above 600m: Close to 100% at first but falling to 30% in west by early afternoon and 60% in east by early afternoon.

Visibility: Occasional or periods of cloud above 450-600m, but 600-750m in east, developing by early afternoon, the cloud perhaps persistent at times in west. Otherwise visibility good or very good falling to several kilometres in rain.

Forecast for Monday 11 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/21 NW	14/22 NW	13/20 NW	11/17 W	13/19 NW	15/22 W	15/23 W	15/22 W	13/19 W
300	8/19 NW	6/17 NW	5/14 NW	5/12 W	9/19 NW	11/22 W	10/22 W	9/20 W	8/17 NW
Valley	4/12 NW	2/7 NW	2/4 NW	2/5 W	8/17 NW	9/18 W	6/17 W	5/14 W	4/11 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	6/2	6/2	6/3	8/4	8/5	7/4	7/4	7/3
300	7/5	7/5	7/5	9/8	11/9	11/9	10/7	10/7	9/7
Valley	8/7	6/5	6/6	10/9	12/11	12/11	11/10	11/10	10/9
Freezing Level*	1400m	1400m	1600m	1700m	1700m	1600m	1800m	1900m	1900m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Valley temperatures in east rising to plus 15 Celsius by early afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at
14:00 on Sun 10 Oct 2021

Last 24 hours:
3.2mm

Last 48 hours:
3.2mm

Last 72 hours:
3.4mm

Forecast for Tuesday 12 Oct 2021

Weather: Rather cloudy with occasional, mainly light rain, especially across western hills. Best of any brighter spells expected in the east.

Maximum wind: Westerly or northwesterly 15mph decreasing 10mph or less through the morning.

Chance of cloud free mountain/hill tops above 600m: Around 30% in west, but nearer 60% in the east.

Visibility: Occasional or periods of cloud above 450-600m in the west, but cloud more occasional above about 600-750m in the east.

Temperature: **Valleys:** Plus 8 or 9 Celsius at dawn rising to plus 13 or 14 Celsius by day
At 600m: Plus 7 or 8 Celsius
Freezing level: Above summits.